

Method of Producing Non-Human Mammals

ABSTRACT OF THE DISCLOSURE

A method of producing mutant/targeted non-human mammals, such as mutant mice that does not require production of chimera and permits the introduction of multiple mutations in embryos and, thus, avoids the necessity of breeding to combine all of the desired mutations in a single animal. The method is efficient in producing ES mice.

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**HAMILTON, BROOK, SMITH & REYNOLDS, P.C.**

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under  
37 C.F.R. 1.53(b))

Attorney Docket No.	0399.2015-002
First Named Inventor or Application Identifier	Kevin C. Eggan
Express Mail Label No.	EL762340330US

Title of Invention	Method of Producing Non-Human Mammals
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**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

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| <p>1. <input type="checkbox"/> Fee Transmittal Form<br/>(Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification <b>[Total Pages [29] ]</b><br/>(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Summary of the Invention</li> <li>- Brief Description of the Drawings</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>3. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>[Total Sheets [ ] ]</b><br/> <input type="checkbox"/> Formal <input type="checkbox"/> Informal<br/> <input type="checkbox"/> Fig. of the Drawings for Publication <input type="checkbox"/></p> <p>4. <input type="checkbox"/> Oath or Declaration/POA <b>[Total Pages [ ] ]</b></p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d))<br/>(for continuation/divisional with Box 17 completed)<br/><b>[NOTE Box 5 below]</b> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/>Signed statement attached deleting<br/>inventor(s) named in the prior<br/>application, see 37 C.F.R. 1.63(d)(2)<br/>and 1.33(b).</li> </ul> </li> </ul> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)<br/>The entire disclosure of the prior application, from which a<br/>copy of the oath or declaration is supplied under Box 4b, is<br/>considered as being part of the disclosure of the accompanying<br/>application and is hereby incorporated by reference therein</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br/>(if applicable, all necessary)</p> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)<br/><b>[ ] Pages</b></li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> |
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**ACCOMPANYING APPLICATION PARTS**

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| <p>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; documents)<br/><input checked="" type="checkbox"/> Assignee -<br/>Whitehead Institute for Biomedical Research<br/>Nine Cambridge Center, Cambridge, MA 02142</p> <p>9. <input type="checkbox"/> 37 C.F.R. 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br/>(when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br/>Statement (IDS)/PTO-1449 Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/>(Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application,<br/>Statement(s) status still proper and desired</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br/>(if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Nonpublication Request (check parent application)</p> <p>17. <input type="checkbox"/> Other: _____</p> |  |
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18. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
- Prior application information: Examiner: Group Art Unit:

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